U.S. ENVIRONMENTAL PROTECTION AGENCY
TRI PROGRAM DIVISION
WASHINGTON, DC 20460

98134LSKNC32006
SHAWN RAJABI
OR CURRENT ENVIRONMENTAL MANAGER
ALASKAN COPPER WORKS
P. O. BOX 3546
SEATTLE, WA 98124

ALASKAN COPPER WORKS
3200 6TH AVE. S.
SEATTLE, WA 98134

TOXICS RELEASE INVENTORY
FACILITY DATA PROFILE

This notice is in regards to information submitted in your facility's most recent Form R or Form A submission(s), or corrections included in a response to a previous Facility Data Profile (FDP) that we have entered into the Toxics Release Inventory database. FDPs are sent in response to any new information that you send us. Hence, if you returned a marked-up FDP with corrections, you will receive a new FDP reflecting those changes for your review.

EPA wishes to accurately represent the data reported by your facility. We believe our data capture process is of high quality. However, as a final quality measure, please verify the data presented in the enclosed FDP. This FDP serves two primary purposes. First, we want to give you the opportunity to confirm that we have entered your data correctly into our national computer system. If we have not, please advise us so we can make corrections. Second, if we identify potential errors in the submission(s) you have submitted, we indicate what these errors are and request that you provide us with corrections.

Within this FDP notice there may be up to three different types of errors identified:

(1) A Non-Technical Data Change (NDC) notifies you of simple, clerical errors that EPA has corrected for you. It is not necessary to respond to a NDC.

(2) A Notice of Technical Error (NOTE) highlights to you inconsistencies or miscalculations that may distort your facility's information in EPA's public data products or skew analyses. You should respond to NOTE level errors as soon as possible. Depending upon when your changes are received, there may or may not be sufficient time to incorporate them into our database in time for public data release.

(3) A Notice of Significant Error (NOSE) identifies errors that prevent your submission from being entered into our database or identify missing critical information such as a chemical identifier or submission certification. You will find NOSE-level errors on a separate page to highlight their importance. **Please respond within 21 days of receipt of this notice. Failure to correct NOSE level errors will result in the issuance of a formal Notice of Noncompliance (NON) by EPA.**

The enclosed FDP is comprised of the following sections:

INSTRUCTIONS FOR RESPONDING TO TRI FACILITY DATA PROFILE – This first page provides instructions for how to review and respond to this FDP.

SUMMARY OF NOTICES OF SIGNIFICANT ERRORS (NOSEs) – This page lists all significant errors (NOSE level errors) for your facility's submission(s) organized by chemical submission. If you have no significant errors, this page will indicate so.

FACILITY INFORMATION (Primary) - This section displays all facility specific data that you provided, inclusive of TRI Facility Identification, facility name, facility address, facility mailing address, relevant permits (e.g., RCRA, NPDES, and UIC), Standard Industrial Classification code (SIC), and other facility data.

FACILITY INFORMATION (Establishment) - If you have reported as a multi-establishment facility, we are providing these subordinate facility data.

CHEMICAL REPORT SUMMARY - This section lists all chemicals reported by your facility for each reporting year affected by this FDP. For example, if this FDP is responding to five original chemical submissions for reporting year 1999 and revisions to one chemical for reporting year 1998, a list of all chemicals for both years will appear.

CHEMICAL REPORT FOR THIS FACILITY - All recently processed Form R or Form A submission data (i.e., chemical specific data) are displayed here under the appropriate facility or subordinate facility names. This FDP prints chemical reports for a recent submission(s), revision(s) or responses to a FDP only. Hence there may be fewer chemical reports than chemicals listed in the Chemical Summary section. If only facility level changes have occurred (i.e., Part I of the Form R or A), this section is not provided. NOTE level errors and NDCs are notated at the end of each chemical report.

The enclosed FDP only covers those Form R and/or Form A submission(s) which have completed our internal data quality checks. If any new Form R and/or A submission(s) submitted by your facility are not covered by the enclosed FDP, an additional FDP that reflects these new reports and/or revisions will be sent to you as soon as they complete all data entry and quality review checks.

Please read and follow the instructions on the first page of the enclosed FDP. If you have any questions concerning this notice, please contact the EPCRA Reporting Center User Support at: 703-816-4434 (ask for TRI Mailouts) or e-mail at: tri_mailouts@epcra.org. You may also wish to check EPA's TRI website for TRI information and updates at http://www.epa.gov/tri/ .

Thank you for your cooperation in this matter.

Sincerely,

/S/ *Wendy Timm*, acting Chief
TRI Information and Outreach Branch (MS-2844)

INSTRUCTIONS FOR RESPONDING TO TRI FACILITY DATA PROFILE

1. This Facility Data Profile (FDP) presents the information you have submitted on the Form R and/or Form A submissions that EPA has entered into the Toxics Release Inventory database. The specific chemicals covered by this FDP are shown in the Chemical Summary section.

2. Please review this FDP to make sure that EPA has accurately entered your submitted information. If any of the data are incorrect, or you have discovered an error in your submitted data, please circle the incorrect information and indicate the correct information next to it. If you believe that an error we have identified is really not an error, please provide a brief explanation where we have identified the error. Please print clearly and use blue ink.

3. If you are making any corrections pursuant to the instruction in step 2 above, you must sign the certification statement below. Mail this signed page plus all pages on which you have marked corrections. Please do not return pages on which you have neither marked changes nor provided explanations.

4. For NOSE level errors, **please mail your response within 21 days of receipt of this FDP.** For NOTE level errors, please respond as soon as possible so any necessary changes may be incorporated into the database.

5. All corrections should be mailed to the address indicated at the bottom of this page. Also, send a duplicate copy to the same State organization to which you sent a copy of your original submission. EPA recommends that Government-Owned-Contractor-Operated (GOCO) facilities also send copies of their responses to their associated Federal facilities.

6. If you identify no errors in the data presented here and we have identified no errors, no response is necessary.

7. The FDP does not serve as a means to withdraw a Form R and/or Form A. Withdrawal requests should be mailed to the EPCRA Reporting Center. For additional information regarding withdrawal procedures, go to www.epa.gov/tri.

CERTIFICATION STATEMENT

I hereby certify that I have reviewed the attached pages from the Facility Data Profile, and to the best of my knowledge and belief, the submitted information and any corrections I have made to it are true and complete and that the amounts and values presented are accurate based on reasonable estimates using data available to the preparers of this response.

_____

Name and official Title of Owner/Operator or Senior Management Official (Print)

_____ _____

Signature Date

RESPONSE ADDRESSES	
Regular Mail: The EPCRA Reporting Center Attn: Facility Data Profile Response P.O. Box 3348 Merrifield, VA 22116-3348	**Certified Mail, Overnight Delivery, Hand Delivery:** EPCRA Reporting Center (Tel: 703-816-4445*) Attn: Facility Data Profile Response C/O Computer Based Systems Inc. 4600 North Fairfax Drive Suite 300 Arlington, VA 22203 * for delivery purposes only
Remember: Send a copy to your State.	

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SUMMARY OF NOTICES OF SIGNIFICANT ERRORS (NOSEs)

There are no NOSE level errors contained in this FDP. However, there may be other potential errors identified (i.e., a Notice of Technical Errors (NOTE) or a Notice of Data Change (NDC)) at the end of each chemical report.

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FACILITY INFORMATION:

TRI Facility Identification No: 98134LSKNC32006

Facility No: 37371

Primary Facility Name and Address:

ALASKAN COPPER WORKS
3200 6TH AVE. S.
SEATTLE (COUNTY: KING) WA 98134

Mailing Address:

ALASKAN COPPER WORKS
P. O. BOX 3546
SEATTLE, WA 98124

Technical Contact Name: SHAWN RAJABI

Telephone No: 925-944-9000

Public Contact Name: JAMES C. BROWN

Telephone No: 206-623-5800

Latitude: 047-34-23

Longitude: 122-19-29

Facility Type (Federal/GOCO/Commercial): COMMERCIAL

Name of Parent Company: ALASKAN COPPER COS. INC.

Parent Company Dun & Bradstreet No: 009255571

SIC Code	Facility Dun & Bradstreet No.	EPA ID No. (RCRA No.)	Facility NPDES No.	Underground Injection Well Code(ID No.)
3443	009255571	WAD980738546	NA	NA
3471	NA	NA		NA
3498				
NA				

CHEMICAL REPORT SUMMARY:

* Data for this chemical report (Form R or A) included in the Chemical Reports section of this FDP

File Number	Document Control Number	CAS No./ Category Code	Chemical/Generic/ Mixture Name	Original Postmark Date	Postmark Date	Received Date
Reporting Year :	**2000**					
DD-01-00016345-9	13-00-140-65873-7	N495 *	NICKEL COMPOUNDS	07-23-2001	07-23-2001	07-27-2001
DD-01-00016345-9	13-00-140-65875-2	N090 *	CHROMIUM COMPOUNDS	07-23-2001	07-23-2001	07-27-2001
DD-01-00016345-9	13-00-140-65876-4	N450 *	MANGANESE COMPOUNDS	07-23-2001	07-23-2001	07-27-2001
DD-01-00016345-9	13-00-140-65877-6	7697372 *	NITRIC ACID	07-23-2001	07-23-2001	07-27-2001

Reporting Year: 2000
Chemical Name: NICKEL COMPOUNDS
Document Control Number: 13-00-140-65873-7
File Number: DD-01-00016345-9

Postmark Date: 07-23-2001
Received Date: 07-27-2001

CHEMICAL REPORT FOR THIS FACILITY OR ESTABLISHMENT:

PART I:

1.0 Reporting Year: 2000

2.0 Trade Secret Information: **2.1 Trade Secret:** NO **2.2 Sanitized:** NO

3.0 Certification: **Official Name:** WILLIAM M. ROSEN **Title:** MANAGER

Date Signed: 06-28-1999

4.2 This Report Contains Information for:

a. An entire facility: YES
b. Part of a facility: NO
c. A Federal Facility: NO **GOCO:** NO

4.5 SIC Code(s): 3498 - Primary SIC
3443
3471

PART II:

1.0. Toxic Chemical Identity:

1.1 CAS Number or Chemical Category Code: N495

1.2. Toxic Chemical or Chemical Category Name: NICKEL COMPOUNDS

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin-like Compounds Category: NA

1: 2: 3: 4: 5: 6: 7: 8: 9: 10:

11: 12: 13: 14: 15: 16: 17:

2.0 Mixture Component Identity:

2.1 Generic Chemical Name Provided By Supplier: NA

3.0 Activities and Uses of the Toxic Chemical at the Facility:

3.1 Manufacture the toxic chemical:

A. Produce: NO

B. Import: YES

If Produce or Import:

C. For on-site use/processing: YES
D. For sale/distribution: NO
E. As a byproduct: NO
F. As an impurity: NO

3.2 Process the toxic chemical:

A. As a reactant: NO
B. As a formulation component: NO
C. As an article component: YES
D. Repackaging: NO
E. As an impurity: NO

3.3 Otherwise use the toxic chemical:

A. As a chemical processing aid: NO
B. As a manufacture aid: NO
C. Ancillary or other use: NO

4.1 Maximum Amount of the Toxic Chemical On-Site at any Time During the Year: 05 Range from 100,000 To 999,999 (lb)

5.0 Quantity of the Toxic Chemical Entering Each Environmental Medium On-site

Air Emissions	A. Total Release	B. Basis of Estimate
5.1 Fugitive Or Non-Point Air Emissions	A	0-OTHER APPROACHES
5.2 Stack Or Point Air Emissions	NA	

Reporting Year: 2000
Chemical Name: NICKEL COMPOUNDS
Document Control Number: 13-00-140-65873-7
File Number: DD-01-00016345-9
Postmark Date: 07-23-2001
Received Date: 07-27-2001

5.3 Discharges to Receiving Streams or Water Bodies Stream or water body name:	A. Total Release	B. Basis of Estimate	C. % from Stormwater
5.3.1 NA			0.00

Underground Injection/Land Disposal		A. Total Release	B. Basis of Estimate
5.4.1	Underground Injection On-Site To Class I Wells	NA	
5.4.2	Underground Injection On-Site To Class II-V Wells	NA	
5.5.1A	RCRA Subtitle C Landfills	NA	
5.5.1B	Other Landfills	NA	
5.5.2	Land Treatment / Application Farming	NA	
5.5.3	Surface Impoundment	NA	
5.5.4	Other Disposal	NA	

6.0 Transfers of the Toxic Chemical in Waste to Off-site Locations
6.1 Discharges to Publicly Owned Treatment Works (POTWs)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers: A **6.1.A.2** Basis of Estimate: 0-OTHER APPROACHES

6.1.B.1 POTW NAME: METRO
POTW Address: 821 SECOND AVE
City: SEATTLE County: KING State: WA Zip: 98104

6.2 Transfers to Other Off-site Locations

6.2.1 Off-Site EPA Identification Number (RCRA ID No.) : AZD980735500
Off-Site Location Name: WORLD RESOURCES COMPANY
Off-site Address: 8113 WEST SHERMAN
City: PHOENIX State: AZ County: MARICOPA Province: Zip: 85043 Country:
Location under control of reporting facility or parent company:

	A. Total Transfers	B. Basis of Estimate	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery
1	6000 Pounds	M-DATA MONITORING OR MEASUREMENTS	M24-Metals Recovery
2	NA		

7A On-Site Waste Treatment Methods & Efficiency

7A.1 a. General Waste Stream: NA
c. Range of Influent Concentration:
d. Waste Treatment Efficiency Estimate(%):
e. Based on Operating Data:
b. Waste Treatment Method Sequence:

7B On-site Energy Recovery Processes

1. NA

7C On-site Recycling Processes

1. NA

Reporting Year: 2000
Chemical Name: NICKEL COMPOUNDS
Document Control Number: 13-00-140-65873-7
File Number: DD-01-00016345-9

Postmark Date: 07-23-2001
Received Date: 07-27-2001

8.0 Source Reduction & Recycling Activities *

*Note: All values are in Pounds

		Col. A Prior Year	Col. B Current Year	Col. C Following Year	Col. D Second Following Year
8.1	Quantity Released	5	5	5	5
8.2	Quantity Used For Energy Recovery On-Site	NA	NA	NA	NA
8.3	Quantity Used For Energy Recovery Off-Site	NA	NA	NA	NA
8.4	Quantity Recycled On-Site	NA	NA	NA	NA
8.5	Quantity Recycled Off-Site	6331	6000	7000	7000
8.6	Quantity Treated On-Site	NA	NA	NA	NA
8.7	Quantity Treated Off-Site	NA	NA	NA	NA

8.8 Quantity Released as a Result of Remedial, Catastrophic, or One Time Events: 0

8.9 Production Ratio or Activity Index: 90.00

		Method A	Method B	Method C
8.10	Source Reduction Activities:			
8.10.1	W19	T04		
8.10.2	W29	T03		
8.10.3	W36	T01		
8.10.4	NA			

8.11 Additional Information Included: NO

NDC AND NOTE Level Errors Identified In This Report

In this section we identify any Non-Technical Data Changes (NDC) that we have made, and/or any Notice of Technical Error (NOTE) level errors that we have identified. If your submissions had any Notice of Significant Error (NOSE) level errors, they are reported on a separate page following the Instruction and Signature page of this FDP.

NOTEs identify, for example, missing required data or erroneous data, such as an invalid code, or obvious errors such as an incorrect facility identification number. These errors can distort your facility's information in EPA's public data products or skew analyses. We encourage you to respond to these types of errors as soon as possible so these changes may be incorporated into our database in time for the public data release.

NDCs notify you of a simple, clerical change that EPA has corrected for you. For example, transposition of characters within a CAS number. It is not necessary to respond to a NDC unless you believe we have made an error in our change.

If we indicate NOTE level errors in this section, or if you discover that we omitted or inaccurately altered your submitted data, please mark through the erroneous value in the Facility Information or Chemical Report section of this FDP and write the correct value next to it.

TECHNICAL ERRORS (NOTEs)

There are no NOTE level errors identified in this submission.

NON-TECHNICAL DATA CHANGES (NDCs)

There are no NDC level errors identified in this submission.

Reporting Year: 2000
Chemical Name: CHROMIUM COMPOUNDS
Document Control Number: 13-00-140-65875-2
File Number: DD-01-00016345-9

Postmark Date: 07-23-2001
Received Date: 07-27-2001

CHEMICAL REPORT FOR THIS FACILITY OR ESTABLISHMENT:

PART I:

1.0 Reporting Year: 2000

2.0 Trade Secret Information: **2.1 Trade Secret:** NO **2.2 Sanitized:** NO

3.0 Certification: **Official Name:** WILLIAM M. ROSEN **Title:** MANAGER

Date Signed: 06-28-1999

4.2 This Report Contains Information for:

a. An entire facility: YES
b. Part of a facility: NO
c. A Federal Facility: NO **GOCO:** NO

4.5 SIC Code(s): 3498 - Primary SIC
3443
3471

PART II:

1.0. Toxic Chemical Identity:

1.1 CAS Number or Chemical Category Code: N090

1.2. Toxic Chemical or Chemical Category Name: CHROMIUM COMPOUNDS

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin-like Compounds Category: NA

1: 2: 3: 4: 5: 6: 7: 8: 9: 10:

11: 12: 13: 14: 15: 16: 17:

2.0 Mixture Component Identity:

2.1 Generic Chemical Name Provided By Supplier: NA

3.0 Activities and Uses of the Toxic Chemical at the Facility:

3.1 Manufacture the toxic chemical:

A. Produce: NO

B. Import: YES

If Produce or Import:

C. For on-site use/processing: YES
D. For sale/distribution: NO
E. As a byproduct: NO
F. As an impurity: NO

3.2 Process the toxic chemical:

A. As a reactant: NO
B. As a formulation component: NO
C. As an article component: YES
D. Repackaging: NO
E. As an impurity: NO

3.3 Otherwise use the toxic chemical:

A. As a chemical processing aid: NO
B. As a manufacture aid: NO
C. Ancillary or other use: NO

4.1 Maximum Amount of the Toxic Chemical On-Site at any Time During the Year: 05 Range from 100,000 To 999,999 (lb)

5.0 Quantity of the Toxic Chemical Entering Each Environmental Medium On-site

Air Emissions	A. Total Release	B. Basis of Estimate
5.1 Fugitive Or Non-Point Air Emissions	15 Pounds	0-OTHER APPROACHES
5.2 Stack Or Point Air Emissions	NA	

Reporting Year: 2000
Chemical Name: CHROMIUM COMPOUNDS
Document Control Number: 13-00-140-65875-2
File Number: DD-01-00016345-9
Postmark Date: 07-23-2001
Received Date: 07-27-2001

5.3 Discharges to Receiving Streams or Water Bodies Stream or water body name:	A. Total Release	B. Basis of Estimate	C. % from Stormwater
5.3.1 NA			0.00

	Underground Injection/Land Disposal	A. Total Release	B. Basis of Estimate
5.4.1	Underground Injection On-Site To Class I Wells	NA	
5.4.2	Underground Injection On-Site To Class II-V Wells	NA	
5.5.1A	RCRA Subtitle C Landfills	NA	
5.5.1B	Other Landfills	NA	
5.5.2	Land Treatment / Application Farming	NA	
5.5.3	Surface Impoundment	NA	
5.5.4	Other Disposal	NA	

6.0 Transfers of the Toxic Chemical in Waste to Off-site Locations
6.1 Discharges to Publicly Owned Treatment Works (POTWs)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers: A
6.1.A.2 Basis of Estimate: O-OTHER APPROACHES

6.1.B.1 POTW NAME: METRO
POTW Address: 821 SECOND AVE
City: SEATTLE County: KING State: WA Zip: 98104

6.2 Transfers to Other Off-site Locations

6.2.1 Off-Site EPA Identification Number (RCRA ID No.) : AZD980735500
Off-Site Location Name: WORLD RESOURCES COMPANY
Off-site Address: 8113 WEST SHERMAN
City: PHOENIX State: AZ County: MARICOPA Province: Zip: 85043 Country:
Location under control of reporting facility or parent company:

	A. Total Transfers	B. Basis of Estimate	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery
1	7000 Pounds	M-DATA MONITORING OR MEASUREMENTS	M24-Metals Recovery
2	NA		

7A On-Site Waste Treatment Methods & Efficiency

7A.1 a. General Waste Stream: NA
c. Range of Influent Concentration:
d. Waste Treatment Efficiency Estimate(%):
e. Based on Operating Data:
b. Waste Treatment Method Sequence:

7B On-site Energy Recovery Processes

1. NA

7C On-site Recycling Processes

1. NA

Reporting Year: 2000
Chemical Name: CHROMIUM COMPOUNDS
Document Control Number: 13-00-140-65875-2
File Number: DD-01-00016345-9

Postmark Date: 07-23-2001
Received Date: 07-27-2001

8.0 Source Reduction & Recycling Activities *

*Note: All values are in Pounds

		Col. A Prior Year	Col. B Current Year	Col. C Following Year	Col. D Second Following Year
8.1	Quantity Released	15	15	15	15
8.2	Quantity Used For Energy Recovery On-Site	NA	NA	NA	NA
8.3	Quantity Used For Energy Recovery Off-Site	NA	NA	NA	NA
8.4	Quantity Recycled On-Site	NA	NA	NA	NA
8.5	Quantity Recycled Off-Site	7682	7000	8000	8000
8.6	Quantity Treated On-Site	NA	NA	NA	NA
8.7	Quantity Treated Off-Site	NA	NA	NA	NA

8.8 Quantity Released as a Result of Remedial, Catastrophic, or One Time Events: 0

8.9 Production Ratio or Activity Index: 90.00

	8.10 Source Reduction Activities:	Method A	Method B	Method C
8.10.1	W19	T04		
8.10.2	W29	T03		
8.10.3	W36	T01		
8.10.4	NA			

8.11 Additional Information Included: NO

NDC AND NOTE Level Errors Identified In This Report

In this section we identify any Non-Technical Data Changes (NDC) that we have made, and/or any Notice of Technical Error (NOTE) level errors that we have identified. If your submissions had any Notice of Significant Error (NOSE) level errors, they are reported on a separate page following the Instruction and Signature page of this FDP.

NOTEs identify, for example, missing required data or erroneous data, such as an invalid code, or obvious errors such as an incorrect facility identification number. These errors can distort your facility's information in EPA's public data products or skew analyses. We encourage you to respond to these types of errors as soon as possible so these changes may be incorporated into our database in time for the public data release.

NDCs notify you of a simple, clerical change that EPA has corrected for you. For example, transposition of characters within a CAS number. It is not necessary to respond to a NDC unless you believe we have made an error in our change.

If we indicate NOTE level errors in this section, or if you discover that we omitted or inaccurately altered your submitted data, please mark through the erroneous value in the Facility Information or Chemical Report section of this FDP and write the correct value next to it.

TECHNICAL ERRORS (NOTEs)

There are no NOTE level errors identified in this submission.

NON-TECHNICAL DATA CHANGES (NDCs)

There are no NDC level errors identified in this submission.

Reporting Year: 2000
Chemical Name: MANGANESE COMPOUNDS
Document Control Number: 13-00-140-65876-4
File Number: DD-01-00016345-9

Postmark Date: 07-23-2001
Received Date: 07-27-2001

CHEMICAL REPORT FOR THIS FACILITY OR ESTABLISHMENT:

PART I:

1.0 Reporting Year: 2000

2.0 Trade Secret Information: **2.1 Trade Secret:** NO **2.2 Sanitized:** NO

3.0 Certification: **Official Name:** WILLIAM M. ROSEN **Title:** MANAGER

Date Signed: 06-28-1999

4.2 This Report Contains Information for:

a. An entire facility: YES
b. Part of a facility: NO
c. A Federal Facility: NO **GOCO:** NO

4.5 SIC Code(s): 3498 - Primary SIC
3443
3471

PART II:

1.0. Toxic Chemical Identity:

1.1 CAS Number or Chemical Category Code: N450

1.2. Toxic Chemical or Chemical Category Name: MANGANESE COMPOUNDS

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin-like Compounds Category: NA

1: 2: 3: 4: 5: 6: 7: 8: 9: 10:

11: 12: 13: 14: 15: 16: 17:

2.0 Mixture Component Identity:

2.1 Generic Chemical Name Provided By Supplier: NA

3.0 Activities and Uses of the Toxic Chemical at the Facility:

3.1 Manufacture the toxic chemical:

A. Produce: NO

B. Import: YES

If Produce or Import:

C. For on-site use/processing: YES
D. For sale/distribution: NO
E. As a byproduct: NO
F. As an impurity: NO

3.2 Process the toxic chemical:

A. As a reactant: NO
B. As a formulation component: NO
C. As an article component: YES
D. Repackaging: NO
E. As an impurity: NO

3.3 Otherwise use the toxic chemical:

A. As a chemical processing aid: NO
B. As a manufacture aid: NO
C. Ancillary or other use: NO

4.1 Maximum Amount of the Toxic Chemical On-Site at any Time During the Year: 04 Range from 10,000 To 99,999 (lb)

5.0 Quantity of the Toxic Chemical Entering Each Environmental Medium On-site

Air Emissions	A. Total Release	B. Basis of Estimate
5.1 Fugitive Or Non-Point Air Emissions	5 Pounds	0-OTHER APPROACHES
5.2 Stack Or Point Air Emissions	NA	

Reporting Year: 2000
Chemical Name: MANGANESE COMPOUNDS
Document Control Number: 13-00-140-65876-4
File Number: DD-01-00016345-9
Postmark Date: 07-23-2001
Received Date: 07-27-2001

5.3 Discharges to Receiving Streams or Water Bodies Stream or water body name:	A. Total Release	B. Basis of Estimate	C. % from Stormwater
5.3.1 NA			0.00

	Underground Injection/Land Disposal	A. Total Release	B. Basis of Estimate
5.4.1	Underground Injection On-Site To Class I Wells	NA	
5.4.2	Underground Injection On-Site To Class II-V Wells	NA	
5.5.1A	RCRA Subtitle C Landfills	NA	
5.5.1B	Other Landfills	NA	
5.5.2	Land Treatment / Application Farming	NA	
5.5.3	Surface Impoundment	NA	
5.5.4	Other Disposal	NA	

6.0 Transfers of the Toxic Chemical in Waste to Off-site Locations
6.1 Discharges to Publicly Owned Treatment Works (POTWs)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers: A **6.1.A.2** Basis of Estimate: 0-OTHER APPROACHES

6.1.B.1 POTW NAME: METRO
POTW Address: 821 SECOND AVE
City: SEATTLE County: KING State: WA Zip: 98104

6.2 Transfers to Other Off-site Locations

6.2.1 Off-Site EPA Identification Number (RCRA ID No.) : AZD980735500
Off-Site Location Name: WORLD RESOURCES COMPANY
Off-site Address: 8113 WEST SHERMAN
City: PHOENIX State: AZ County: MARICOPA Province: Zip: 85043 Country:
Location under control of reporting facility or parent company:

	A. Total Transfers	B. Basis of Estimate	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery
1	300 Pounds	0-OTHER APPROACHES	M24-Metals Recovery
2	NA		

7A On-Site Waste Treatment Methods & Efficiency

7A.1 a. General Waste Stream: NA
c. Range of Influent Concentration:
d. Waste Treatment Efficiency Estimate(%):
e. Based on Operating Data:
b. Waste Treatment Method Sequence:

7B On-site Energy Recovery Processes

1. NA

7C On-site Recycling Processes

1. NA

Reporting Year: 2000
Chemical Name: MANGANESE COMPOUNDS
Document Control Number: 13-00-140-65876-4
File Number: DD-01-00016345-9

Postmark Date: 07-23-2001
Received Date: 07-27-2001

8.0 Source Reduction & Recycling Activities *

*Note: All values are in Pounds

		Col. A Prior Year	Col. B Current Year	Col. C Following Year	Col. D Second Following Year
8.1	Quantity Released	5	5	5	5
8.2	Quantity Used For Energy Recovery On-Site	NA	NA	NA	NA
8.3	Quantity Used For Energy Recovery Off-Site	NA	NA	NA	NA
8.4	Quantity Recycled On-Site	NA	NA	NA	NA
8.5	Quantity Recycled Off-Site	332	300	400	400
8.6	Quantity Treated On-Site	NA	NA	NA	NA
8.7	Quantity Treated Off-Site	NA	NA	NA	NA

8.8 Quantity Released as a Result of Remedial, Catastrophic, or One Time Events: 0

8.9 Production Ratio or Activity Index: 90.00

8.10 Source Reduction Activities:	Method A	Method B	Method C
8.10.1	W19	T04	
8.10.2	W36	T01	
8.10.3	W21	T03	
8.10.4	NA		

8.11 Additional Information Included: NO

NDC AND NOTE Level Errors Identified In This Report

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TECHNICAL ERRORS (NOTEs)

There are no NOTE level errors identified in this submission.

NON-TECHNICAL DATA CHANGES (NDCs)

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Reporting Year: 2000
Chemical Name: NITRIC ACID
Document Control Number: 13-00-140-65877-6
File Number: DD-01-00016345-9

Postmark Date: 07-23-2001
Received Date: 07-27-2001

CHEMICAL REPORT FOR THIS FACILITY OR ESTABLISHMENT:

PART I:

1.0 Reporting Year: 2000

2.0 Trade Secret Information: **2.1 Trade Secret:** NO **2.2 Sanitized:** NO

3.0 Certification: **Official Name:** WILLIAM M. ROSEN **Title:** MANAGER

Date Signed: 06-28-1999

4.2 This Report Contains Information for:

a. An entire facility: YES
b. Part of a facility: NO
c. A Federal Facility: NO **GOCO:** NO

4.5 SIC Code(s): 3498 - Primary SIC
3443
3471

PART II:

1.0. Toxic Chemical Identity:

1.1 CAS Number or Chemical Category Code: 7697372

1.2. Toxic Chemical or Chemical Category Name: NITRIC ACID

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin-like Compounds Category: NA

1: 2: 3: 4: 5: 6: 7: 8: 9: 10:

11: 12: 13: 14: 15: 16: 17:

2.0 Mixture Component Identity:

2.1 Generic Chemical Name Provided By Supplier: NA

3.0 Activities and Uses of the Toxic Chemical at the Facility:

3.1 Manufacture the toxic chemical:

A. Produce: NO

B. Import: NO

If Produce or Import:

C. For on-site use/processing: NO
D. For sale/distribution: NO
E. As a byproduct: NO
F. As an impurity: NO

3.2 Process the toxic chemical:

A. As a reactant: NO
B. As a formulation component: NO
C. As an article component: NO
D. Repackaging: NO
E. As an impurity: NO

3.3 Otherwise use the toxic chemical:

A. As a chemical processing aid: NO
B. As a manufacture aid: YES
C. Ancillary or other use: NO

4.1 Maximum Amount of the Toxic Chemical On-Site at any Time During the Year: 02 Range from 100 To 999 (lb)

5.0 Quantity of the Toxic Chemical Entering Each Environmental Medium On-site

Air Emissions	A. Total Release	B. Basis of Estimate
5.1 Fugitive Or Non-Point Air Emissions	5 Pounds	O-OTHER APPROACHES
5.2 Stack Or Point Air Emissions	NA	

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5.3 Discharges to Receiving Streams or Water Bodies Stream or water body name:	A. Total Release	B. Basis of Estimate	C. % from Stormwater
5.3.1 NA			0.00

Underground Injection/Land Disposal		A. Total Release	B. Basis of Estimate
5.4.1	Underground Injection On-Site To Class I Wells	NA	
5.4.2	Underground Injection On-Site To Class II-V Wells	NA	
5.5.1A	RCRA Subtitle C Landfills	NA	
5.5.1B	Other Landfills	NA	
5.5.2	Land Treatment / Application Farming	NA	
5.5.3	Surface Impoundment	NA	
5.5.4	Other Disposal	NA	

6.0 Transfers of the Toxic Chemical in Waste to Off-site Locations
6.1 Discharges to Publicly Owned Treatment Works (POTWs)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers: 0 Pounds **6.1.A.2** Basis of Estimate: M-DATA MONITORING OR MEASUREMENTS

6.1.B.1
POTW NAME: METRO
POTW Address: 821 SECOND AVE
City: SEATTLE County: KING State: WA Zip: 98104

6.2 Transfers to Other Off-site Locations

6.2.1 Off-Site EPA Identification Number (RCRA ID No.) : NA
Off-Site Location Name: NA
Off-site Address:
City: State: County: Province: Zip: Country:
Location under control of reporting facility or parent company:

	A. Total Transfers	B. Basis of Estimate	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery
1	NA		

7A On-Site Waste Treatment Methods & Efficiency

7A.1 a. General Waste Stream: W
c. Range of Influent Concentration: 1-GREATER THAN 1 PERCENT
d. Waste Treatment Efficiency Estimate(%): 100.00
e. Based on Operating Data: YES
b. Waste Treatment Method Sequence:
1 C01-CHEMICAL PRECIPITATION -- LIME OR SODIUM HYDROXIDE
2 C09-CHEMICAL PRECIPITATION -- OTHER
3 C11-NEUTRALIZATION
4 NA

7B On-site Energy Recovery Processes

1. NA

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7C On-site Recycling Processes

1. NA

8.0 Source Reduction & Recycling Activities *

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8.3	Quantity Used For Energy Recovery Off-Site	NA	NA	NA	NA
8.4	Quantity Recycled On-Site	NA	NA	NA	NA
8.5	Quantity Recycled Off-Site	NA	NA	NA	NA
8.6	Quantity Treated On-Site	16400	16000	17000	17000
8.7	Quantity Treated Off-Site	NA	NA	NA	NA

8.8 Quantity Released as a Result of Remedial, Catastrophic, or One Time Events: 0

8.9 Production Ratio or Activity Index: 90.00

8.10 Source Reduction Activities: Method A Method B Method C

8.10.1 NA

8.11 Additional Information Included: NO

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